



FIG. 33 PRIOR ART

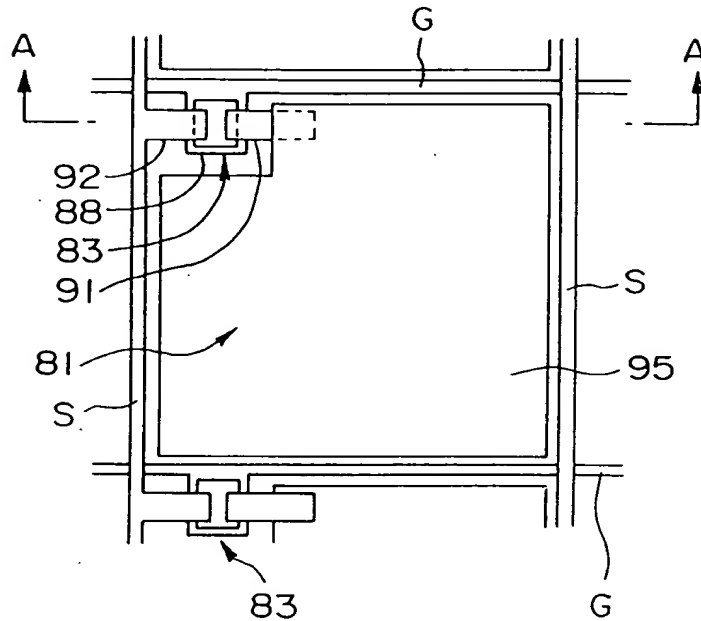


FIG. 34 PRIOR ART

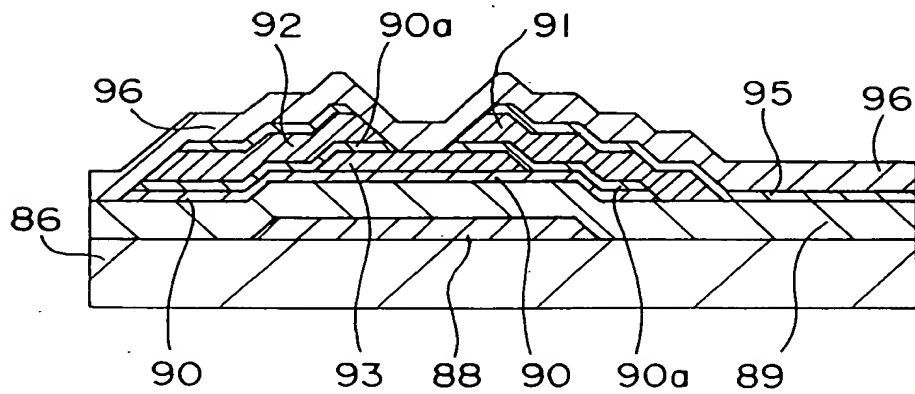




FIG. 32

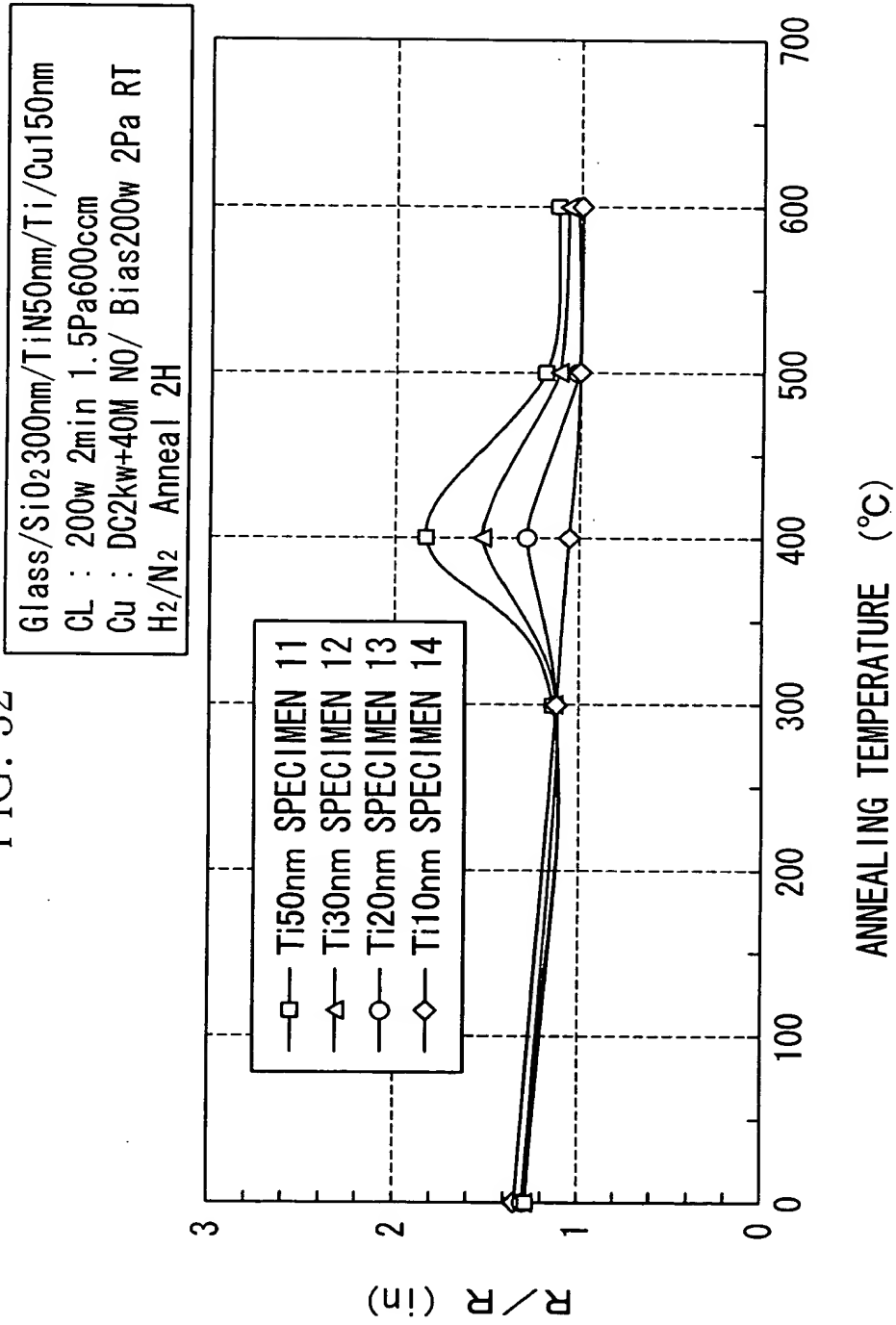




FIG. 31

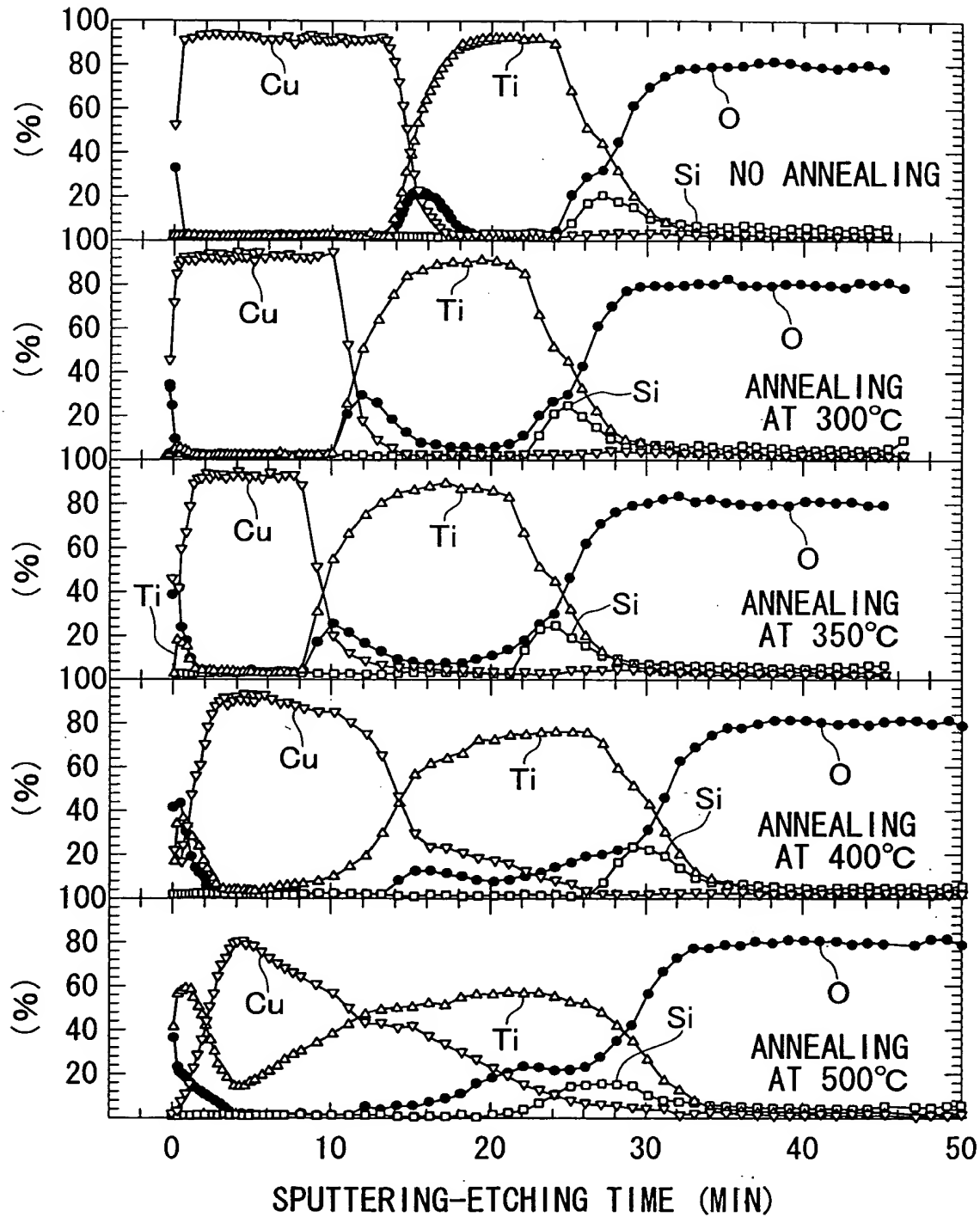




FIG. 30

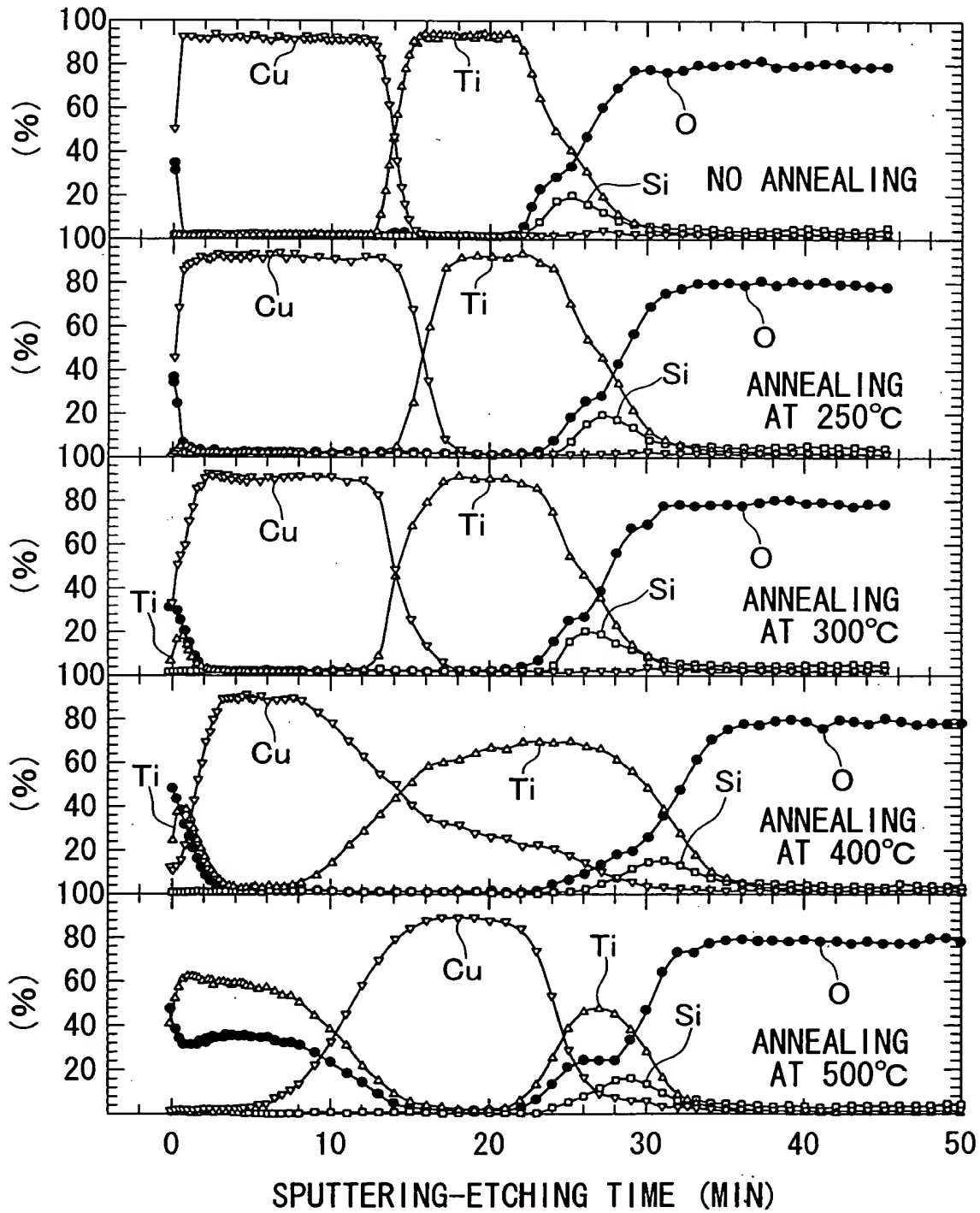




FIG. 29

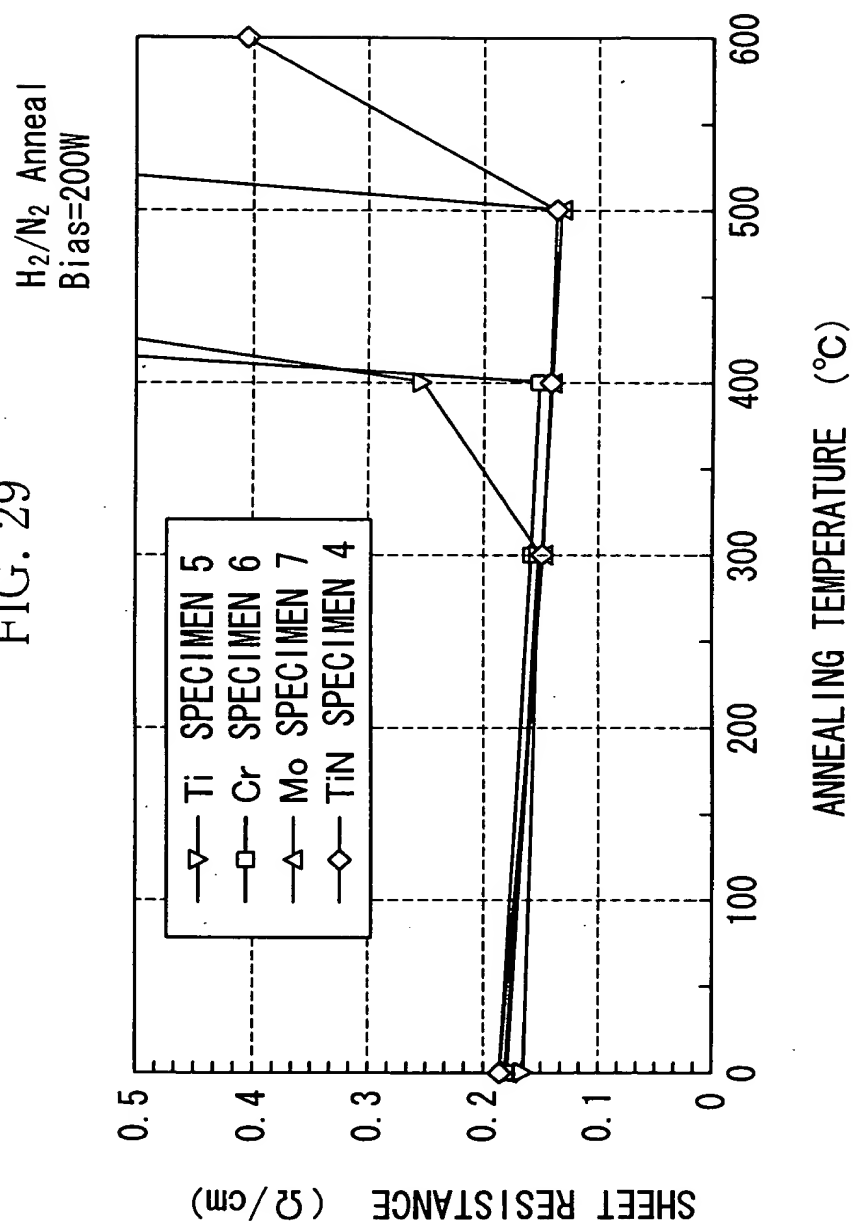




FIG. 28

H₂/N₂ Anneal x 2hrs
Cu150nm Bias=200W

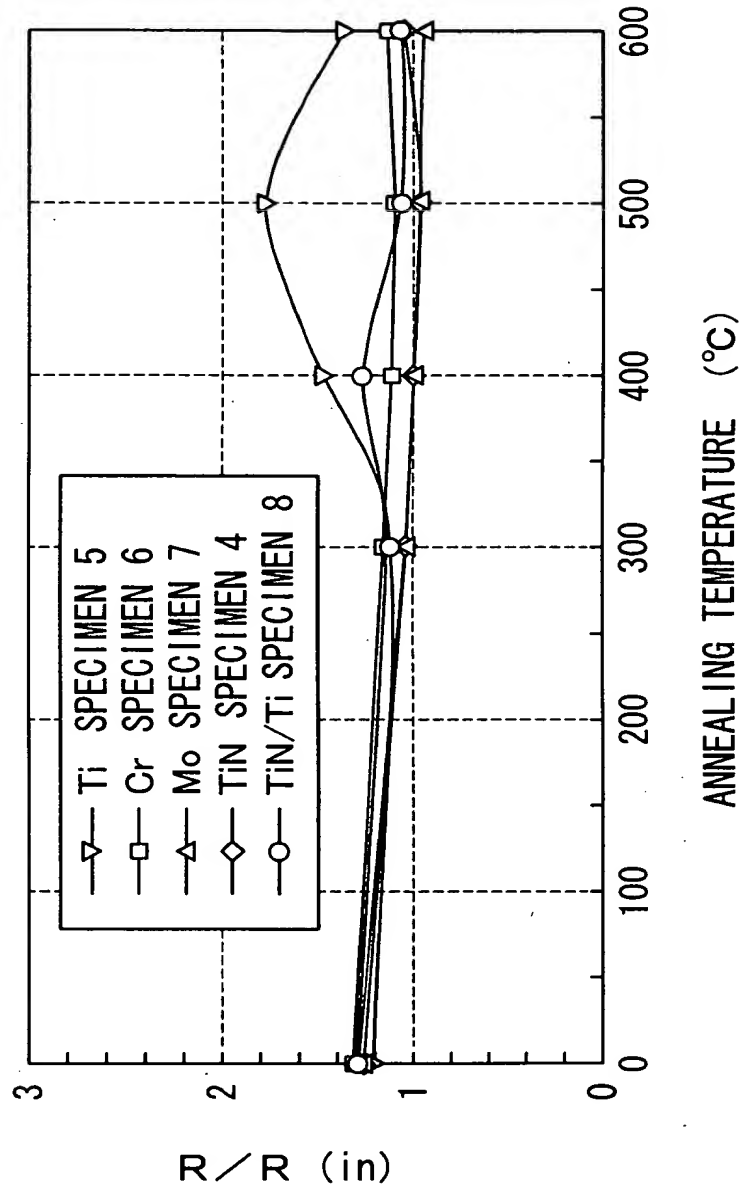




FIG. 27

H₂/N₂ Anneal 500°C x 2H
Cu Bias=200W
TiN50nm/Cu150nm

i-Si/n+Si/TiN/Cu

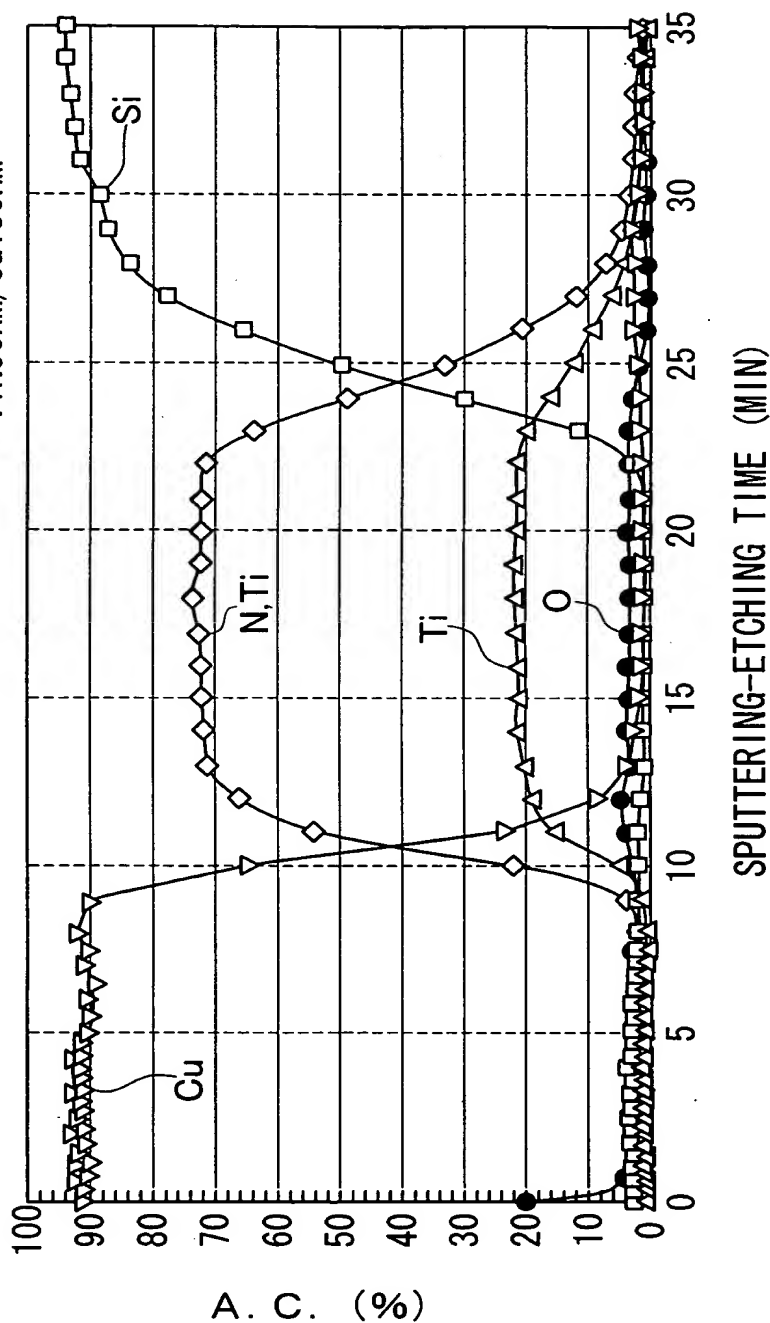




FIG. 26

H₂/N₂ Anneal 500°C x 2H
Cu150nm Bias=200W
TiN50nm/Ti20nm

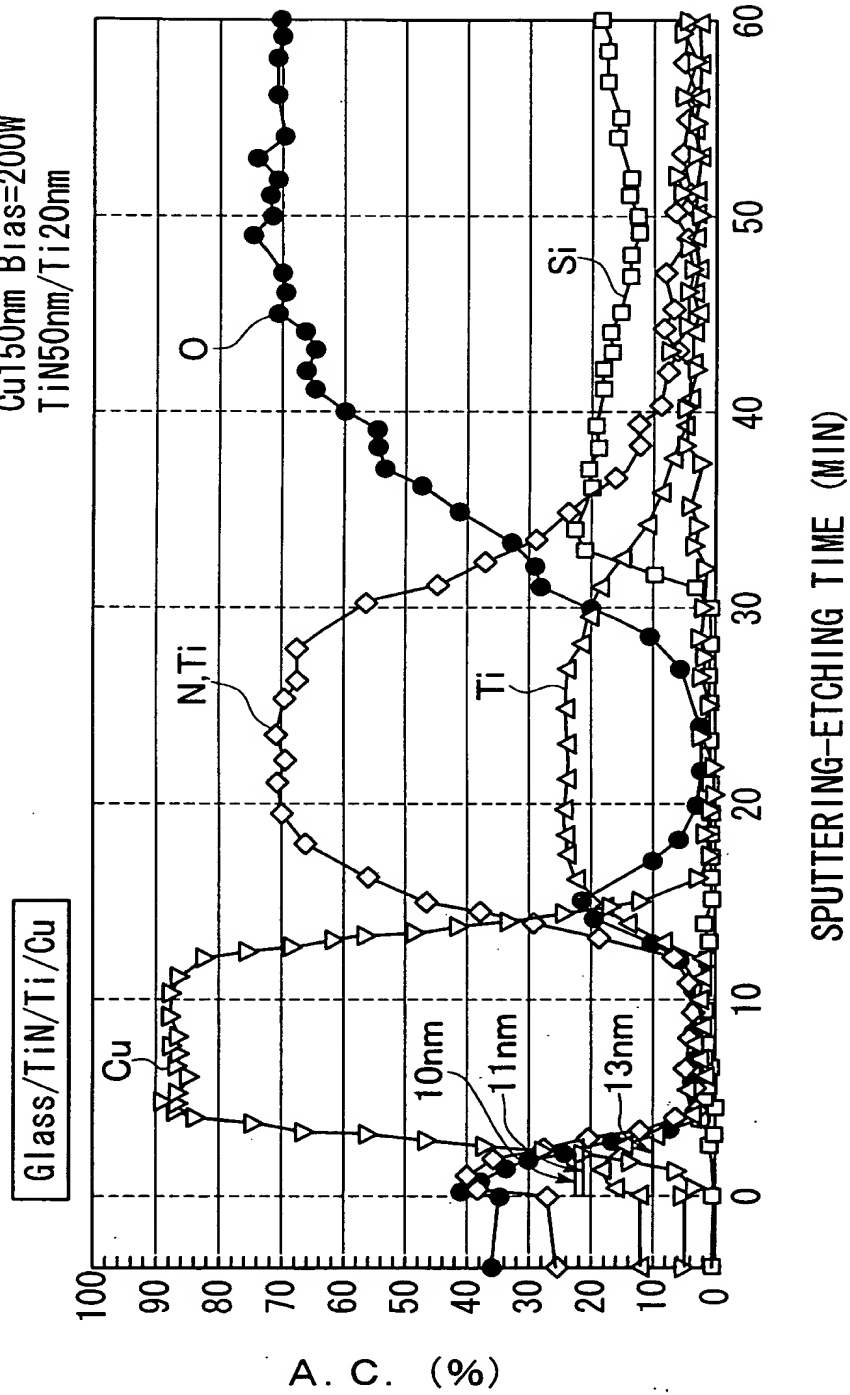




FIG. 25

H₂/N₂ Anneal 400°C x 2H
Cu140nm Bias=200W
TiN50nm/Ti20nm

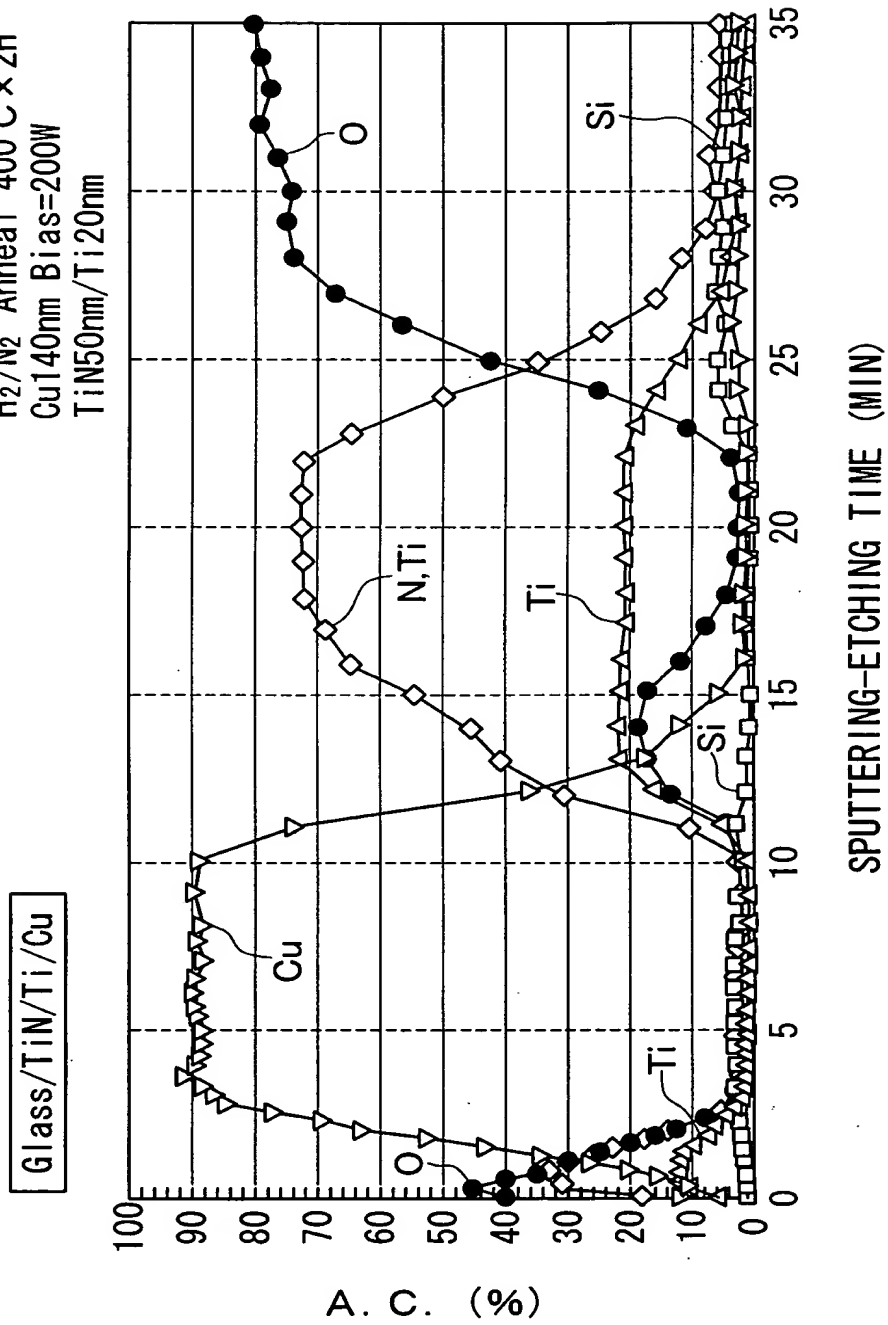




FIG. 24

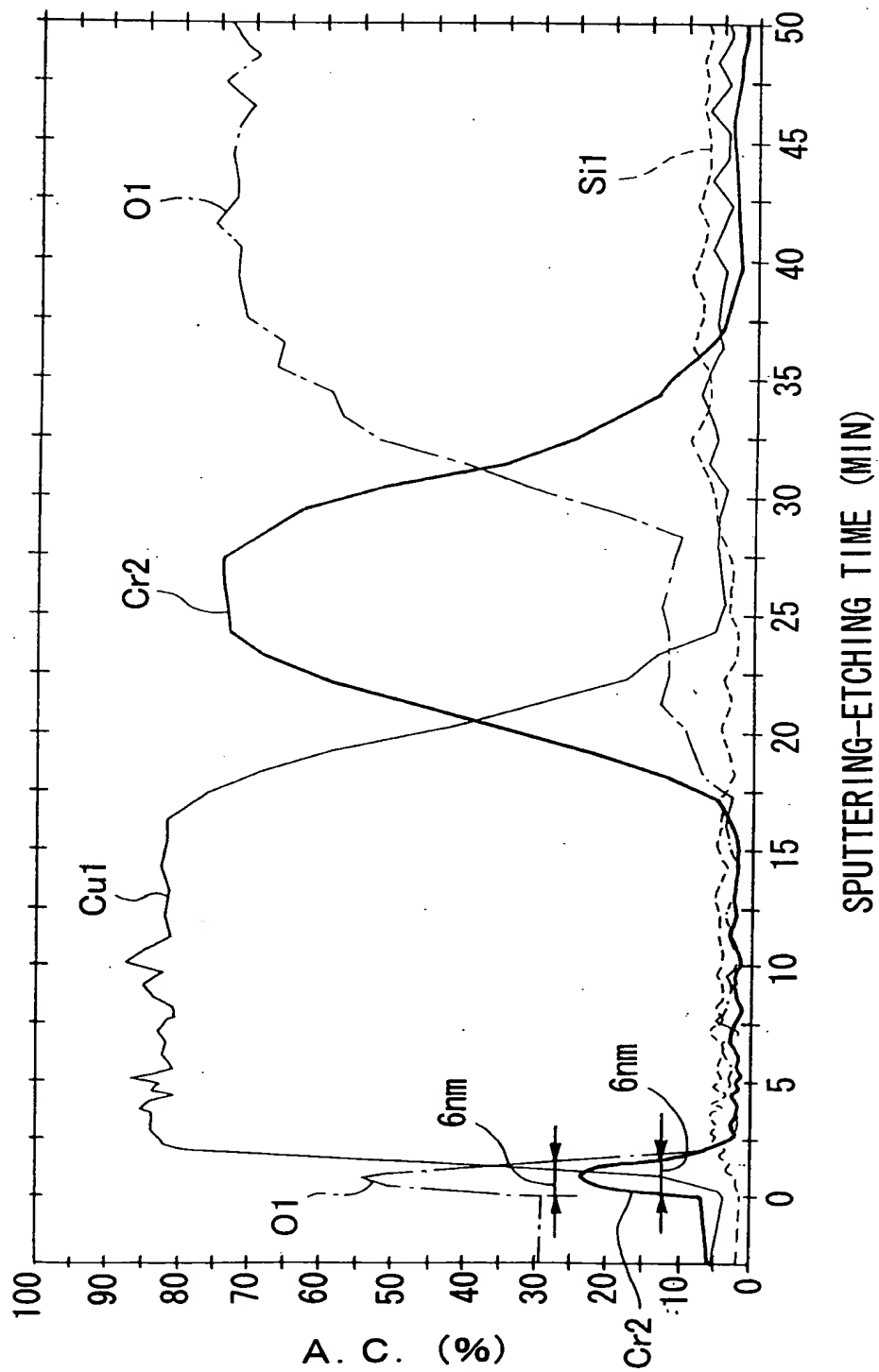




FIG. 23

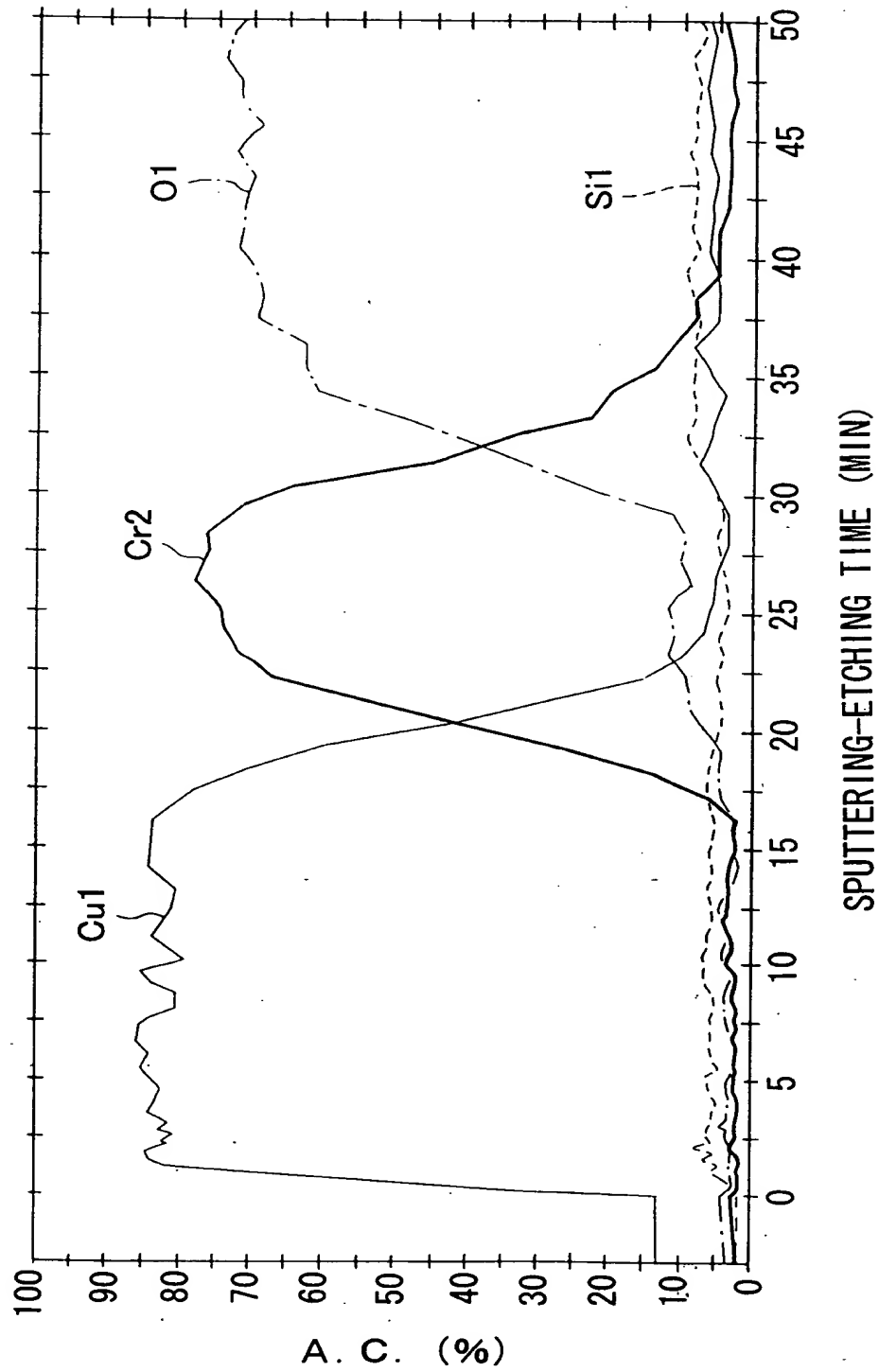




FIG. 22

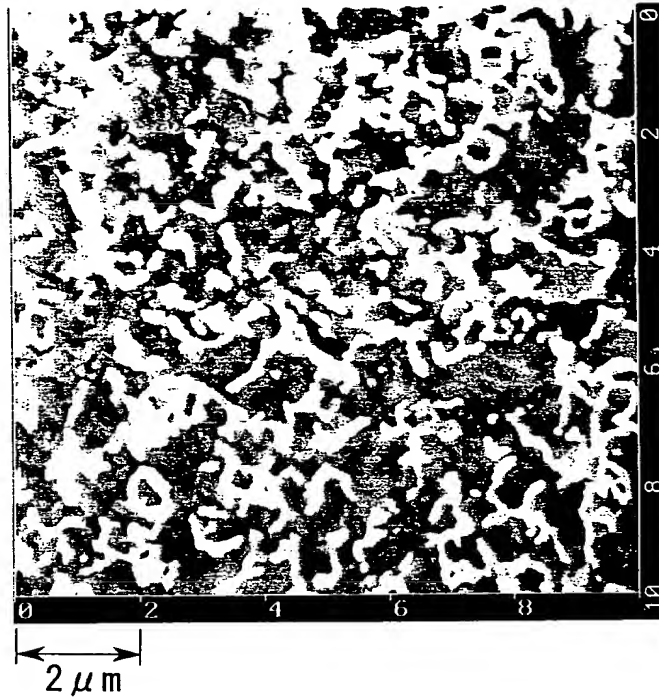




FIG. 20

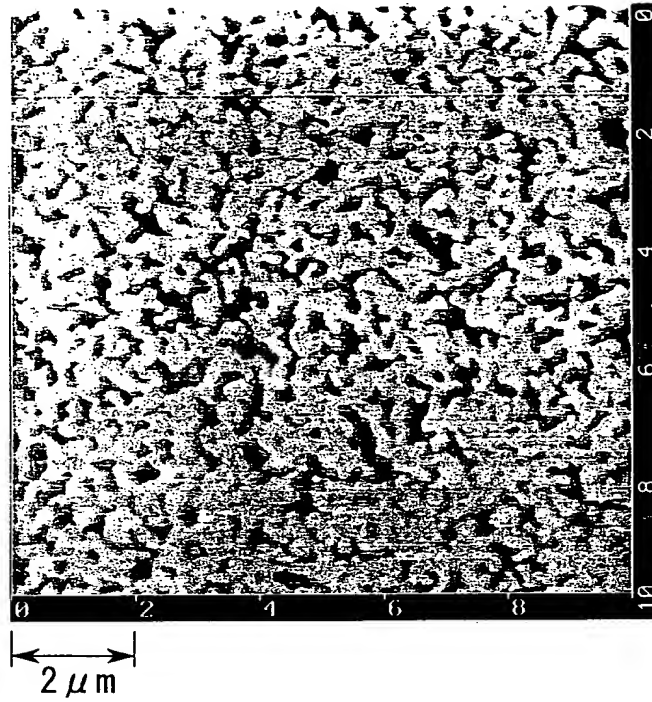


FIG. 21

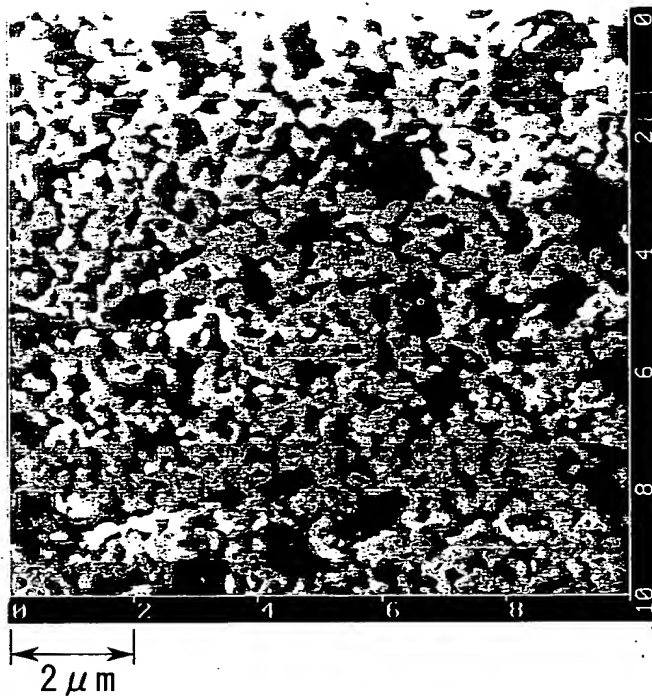
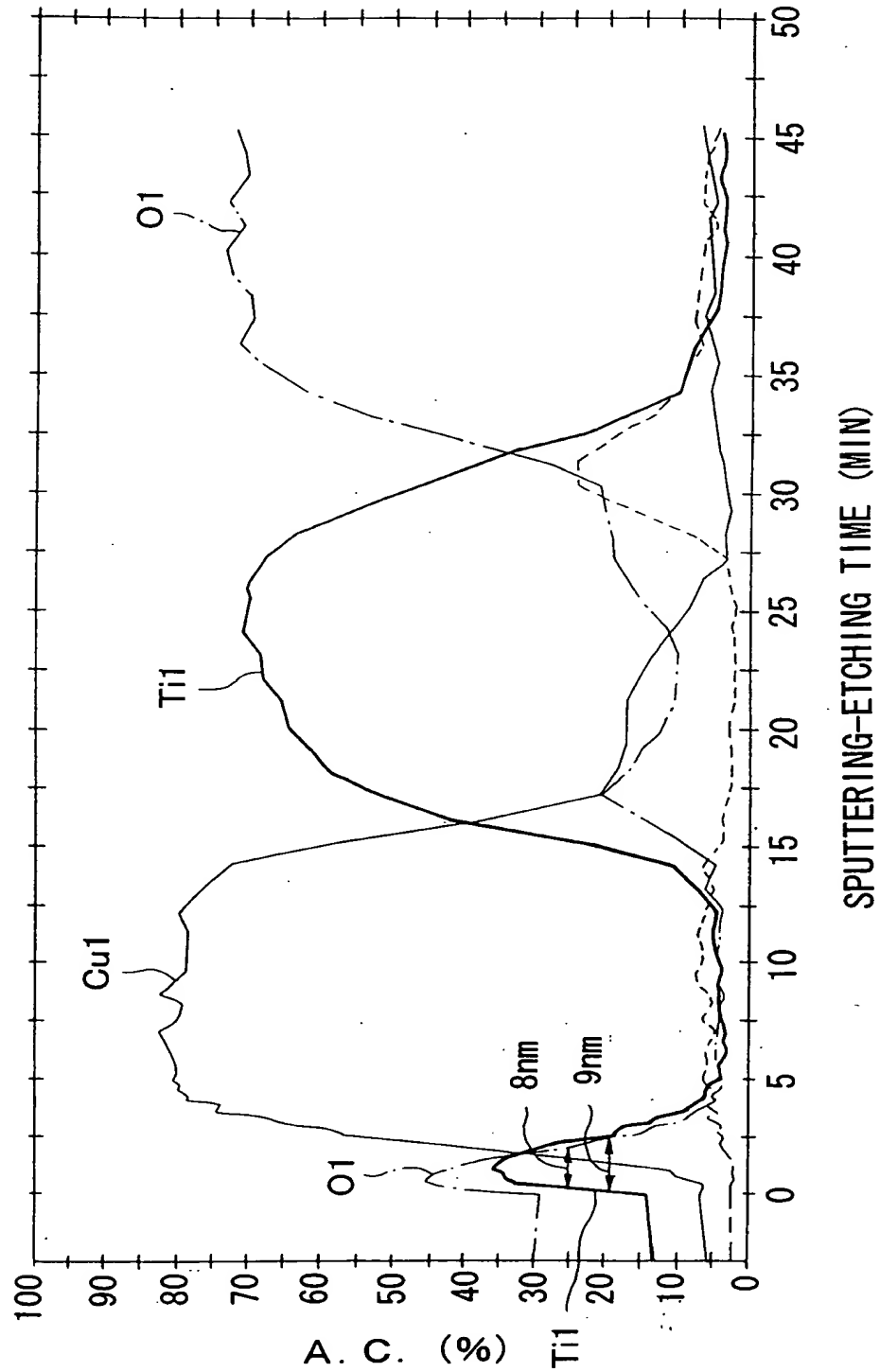




FIG. 19



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FIG. 18

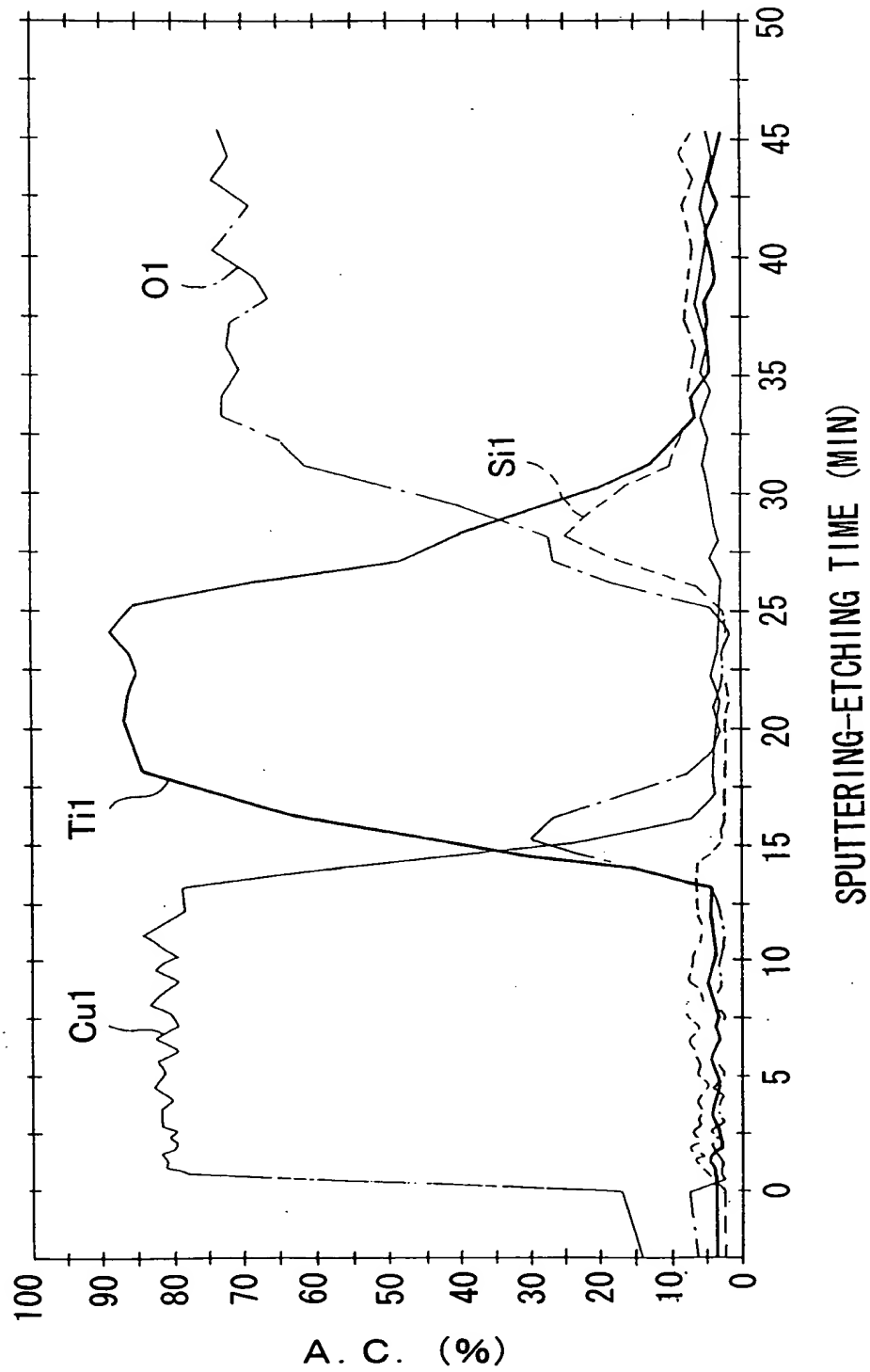




FIG. 17

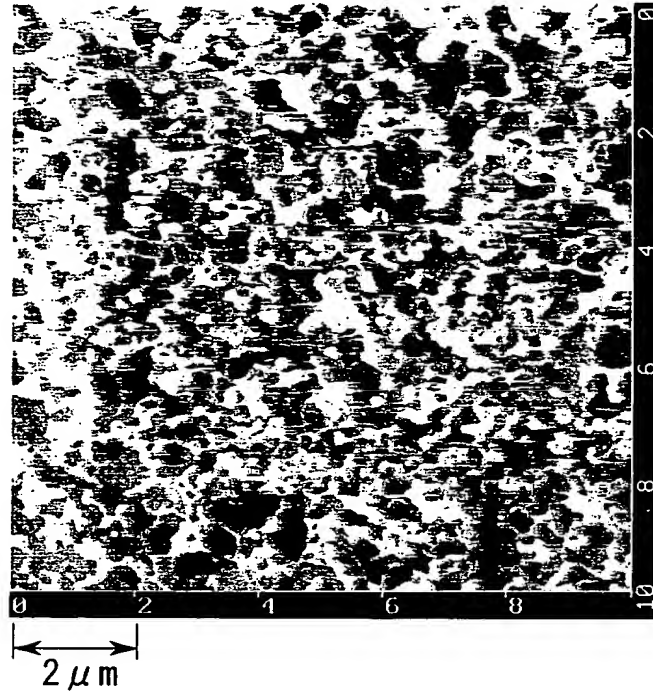




FIG. 15

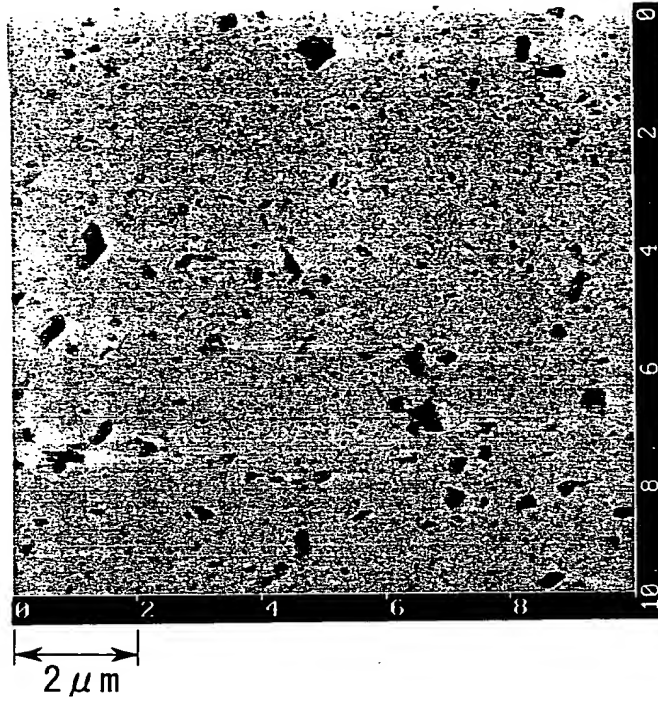


FIG. 16

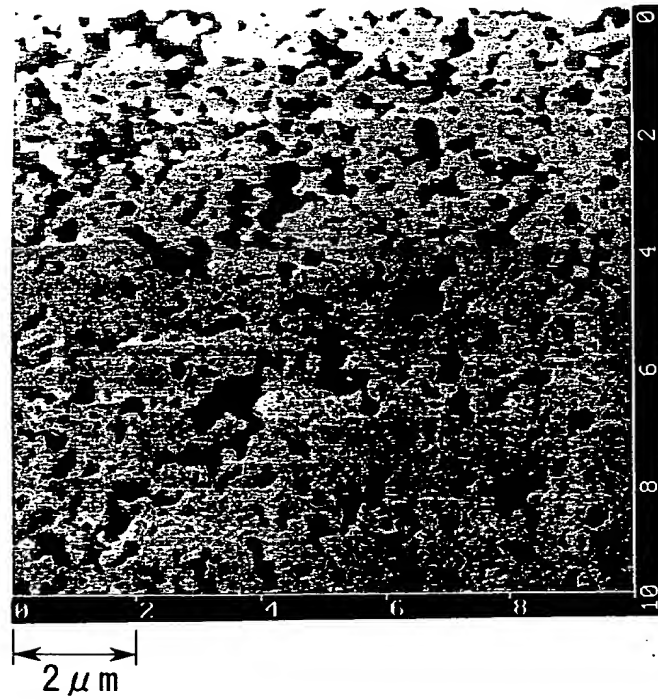




FIG. 12

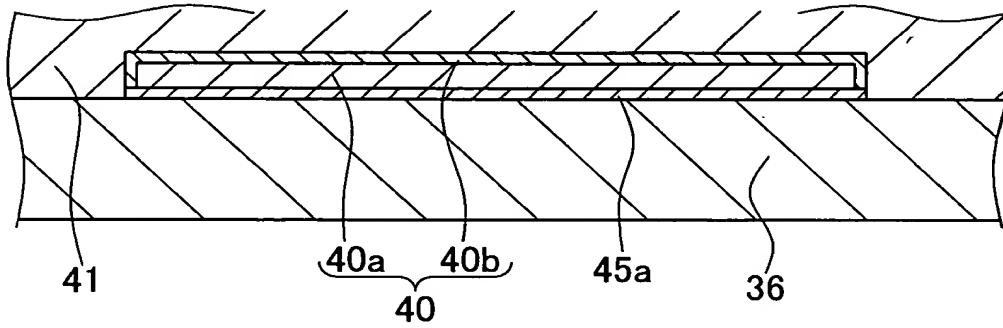


FIG. 13

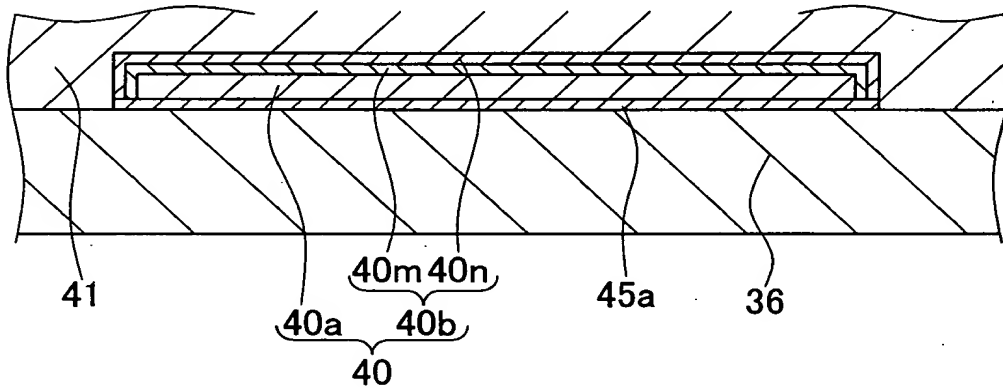


FIG. 14

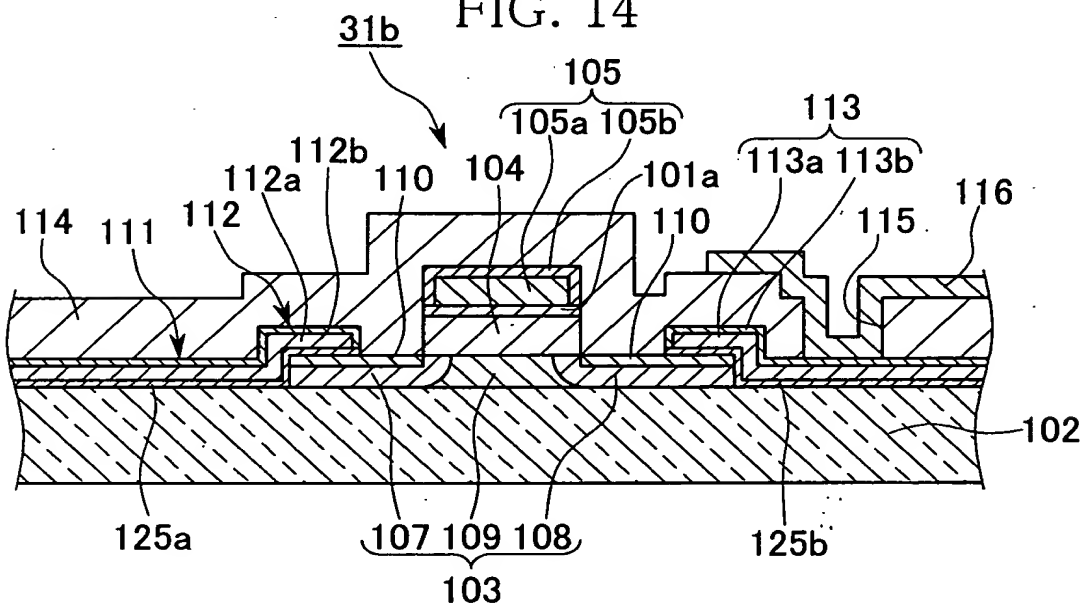




FIG. 11A

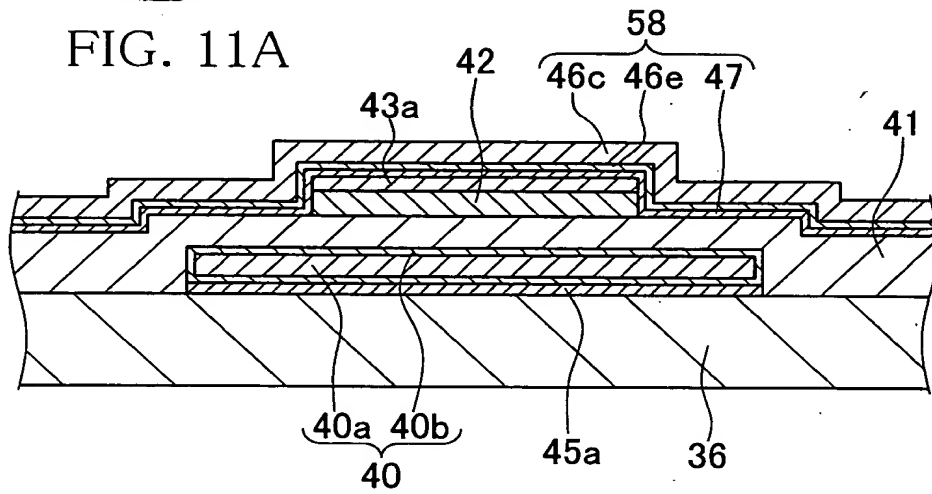


FIG. 11B

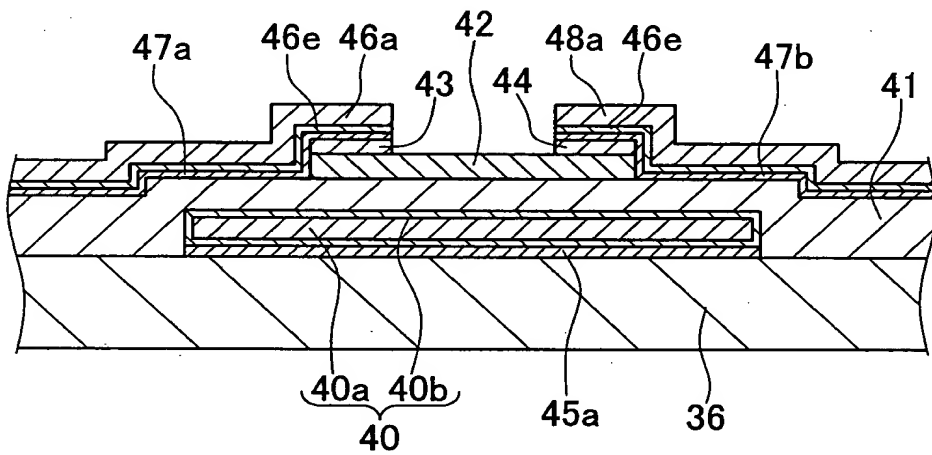


FIG. 11C

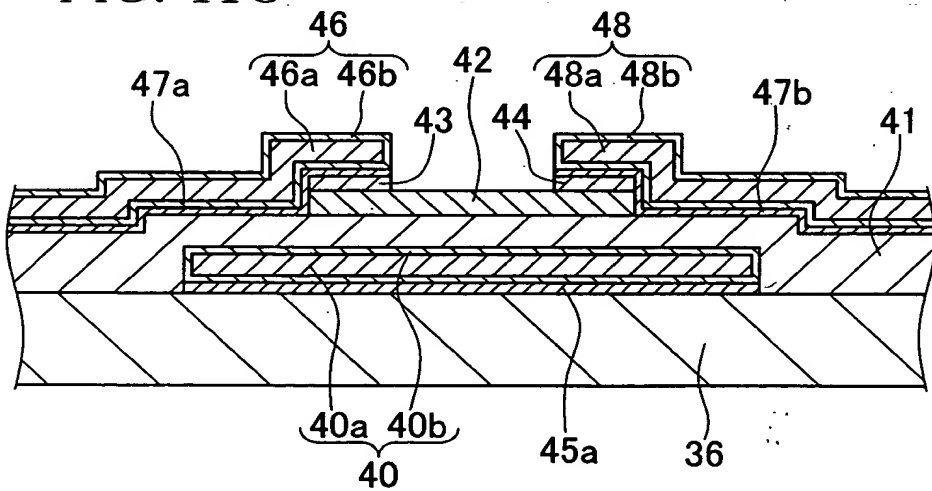




FIG. 10A

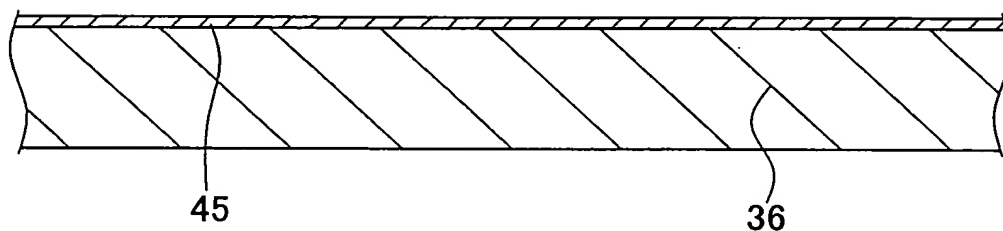


FIG. 10B

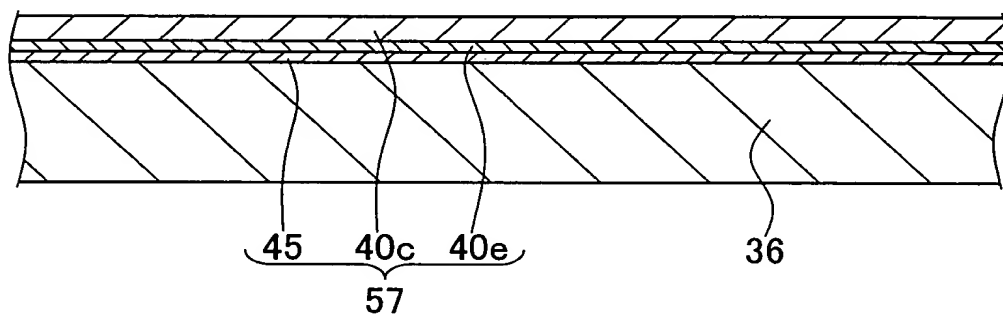


FIG. 10C

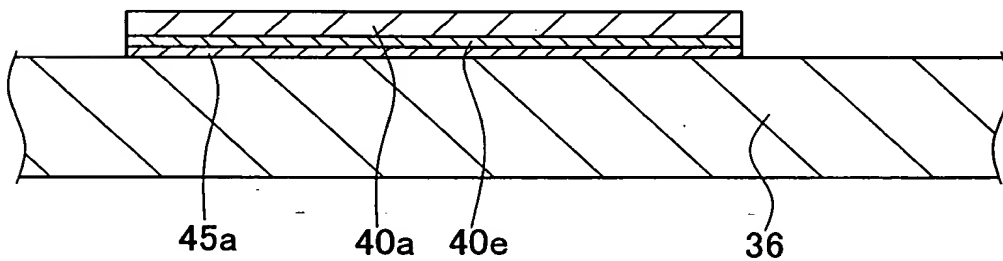
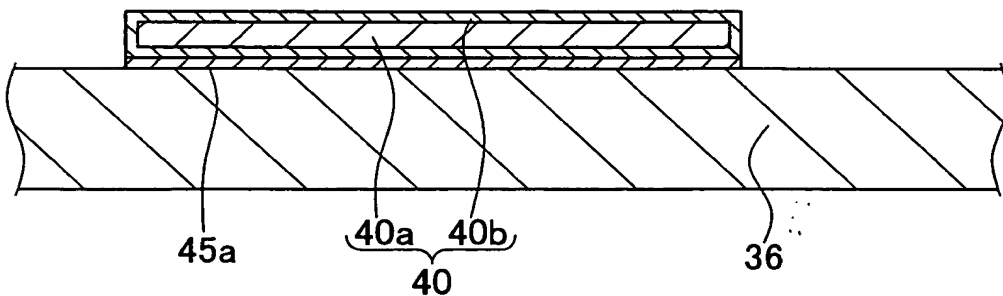


FIG. 10D



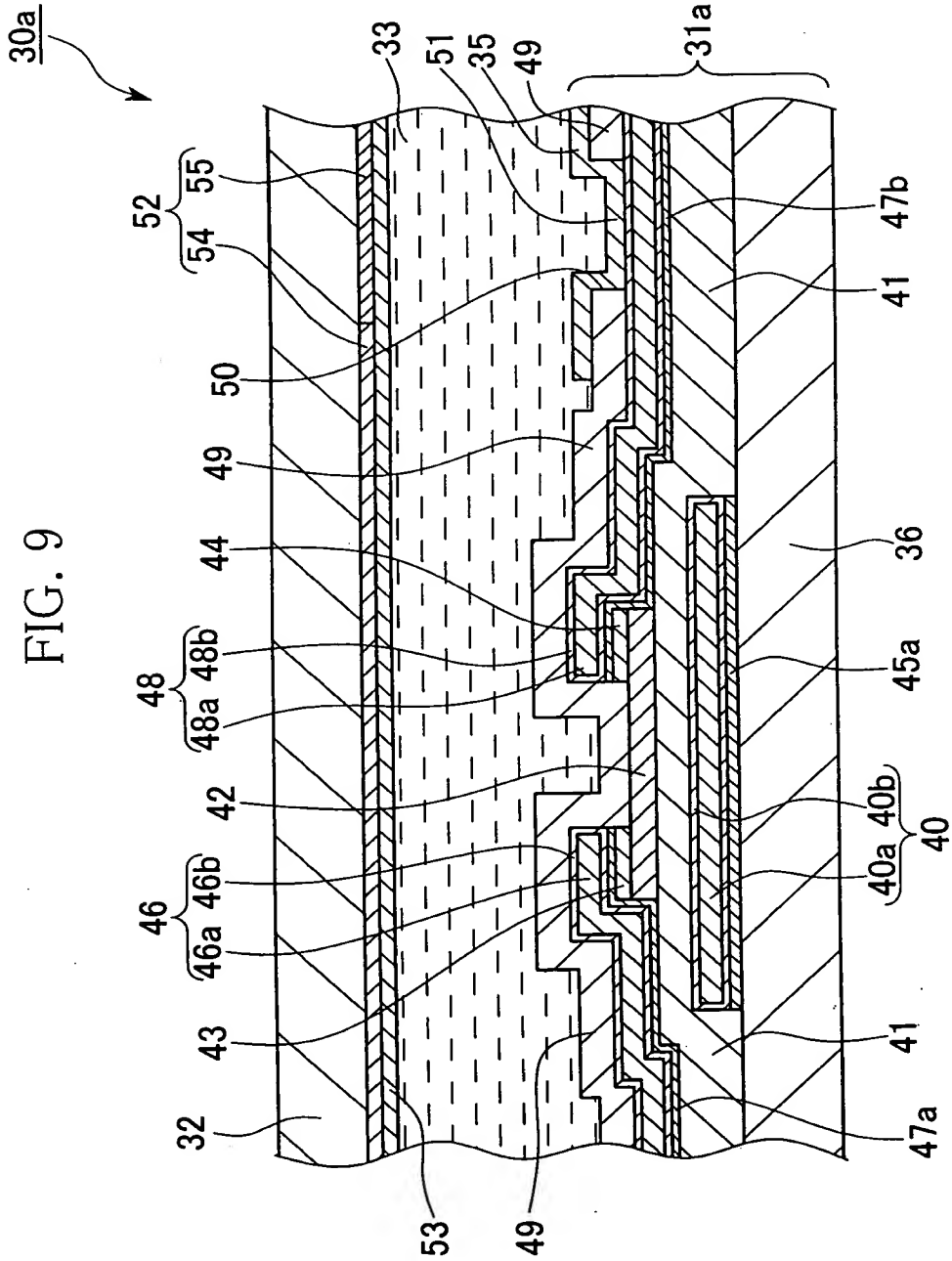




FIG. 8A

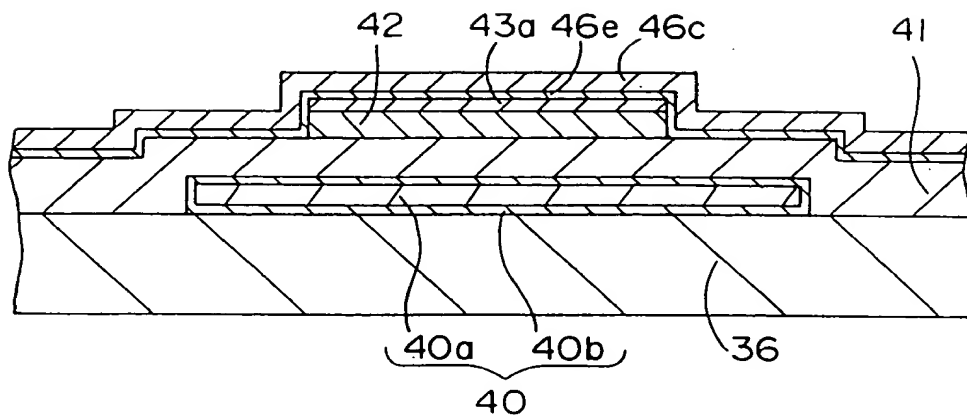


FIG. 8B

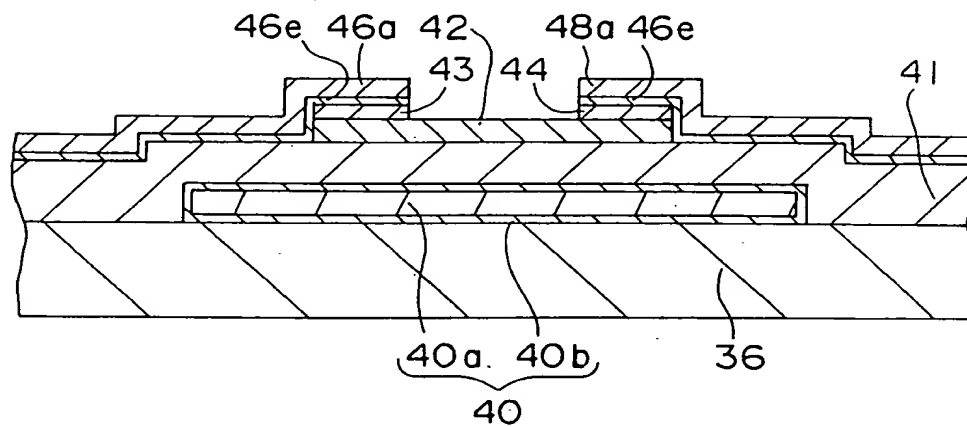


FIG. 8C

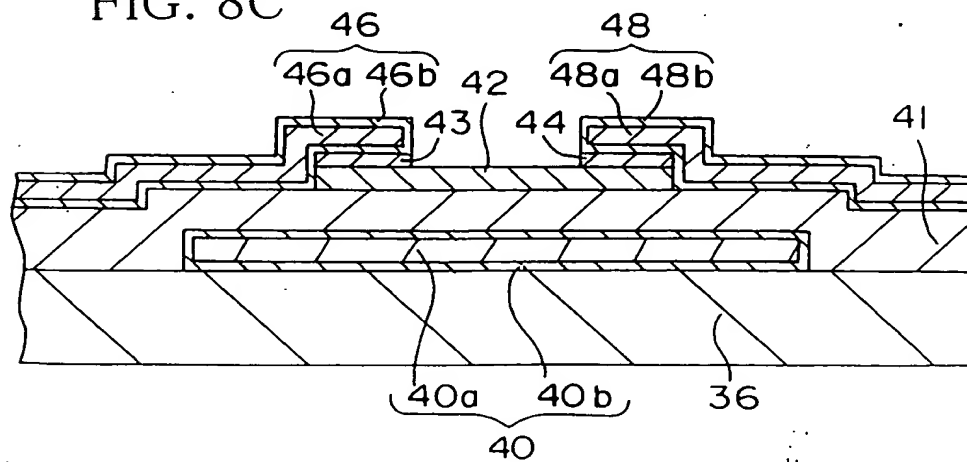




FIG. 7A

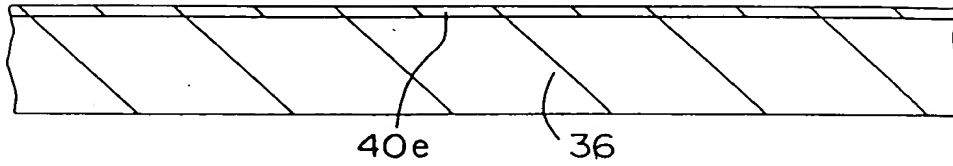


FIG. 7B

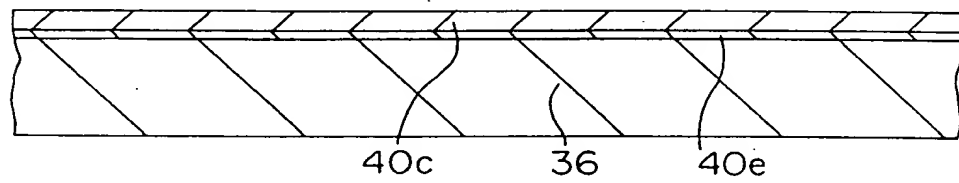


FIG. 7C

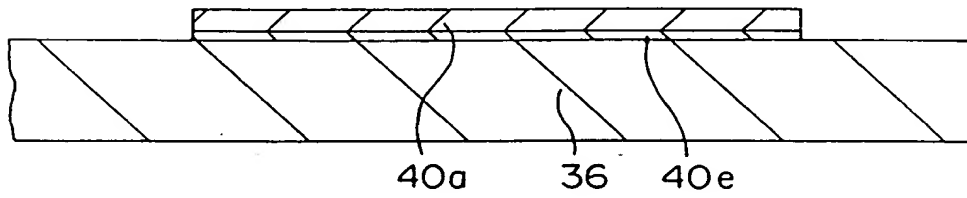


FIG. 7D

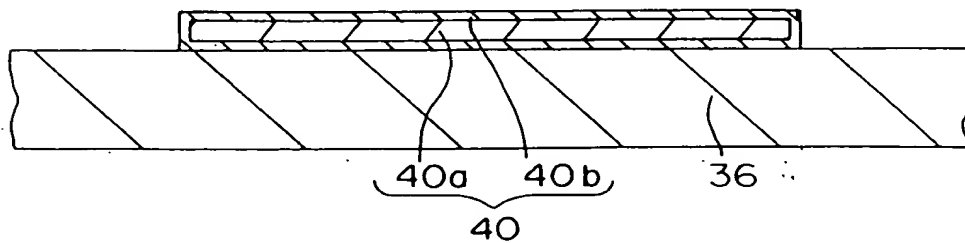




FIG. 5

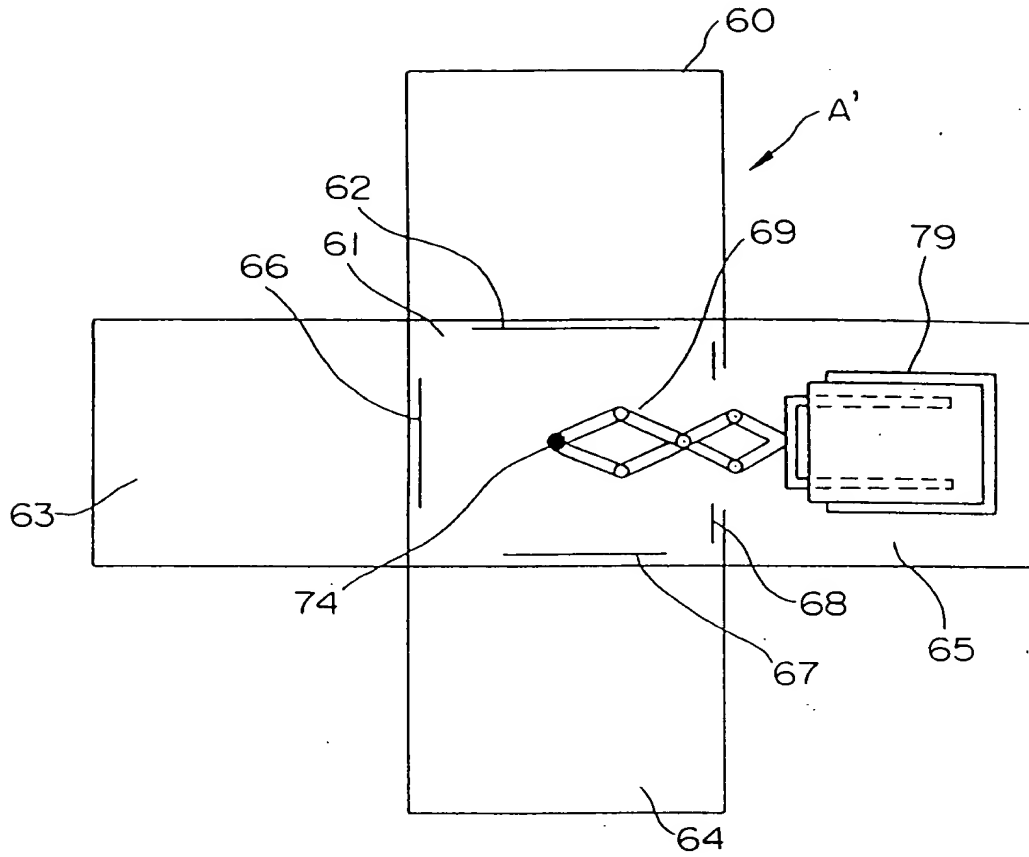


FIG. 6

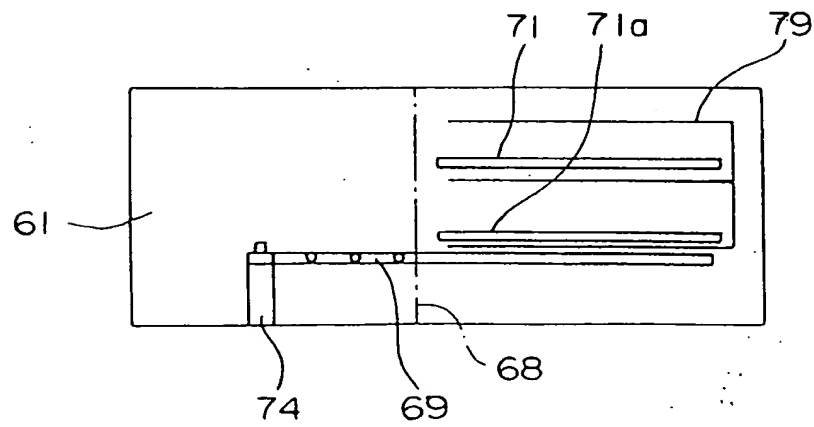




FIG. 4

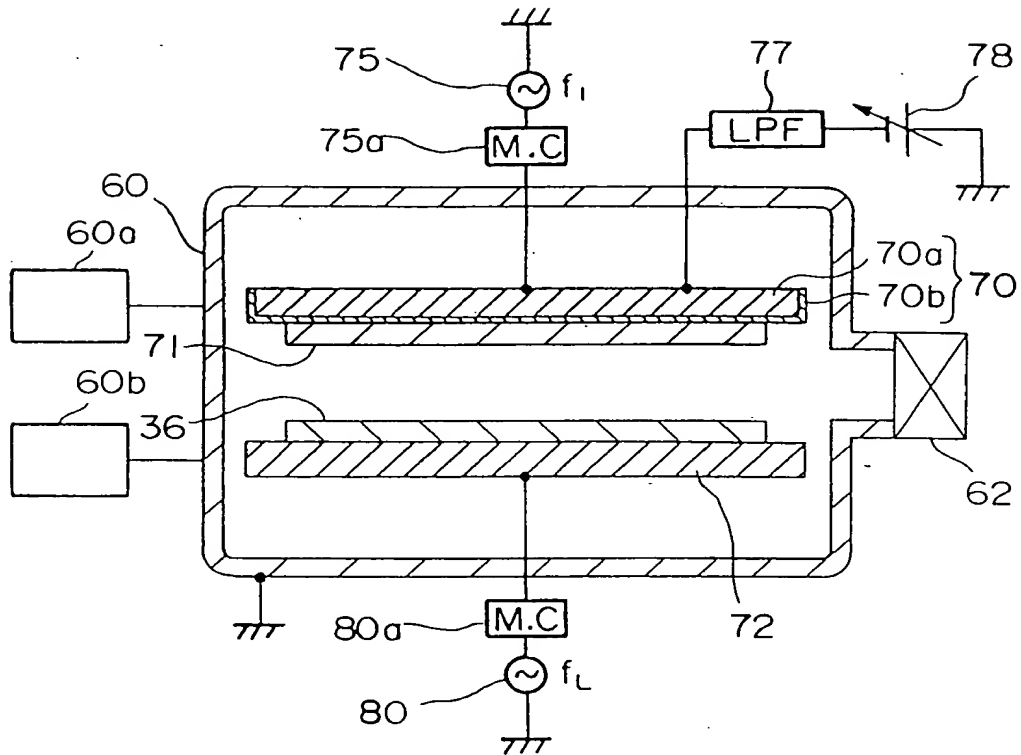




FIG. 2

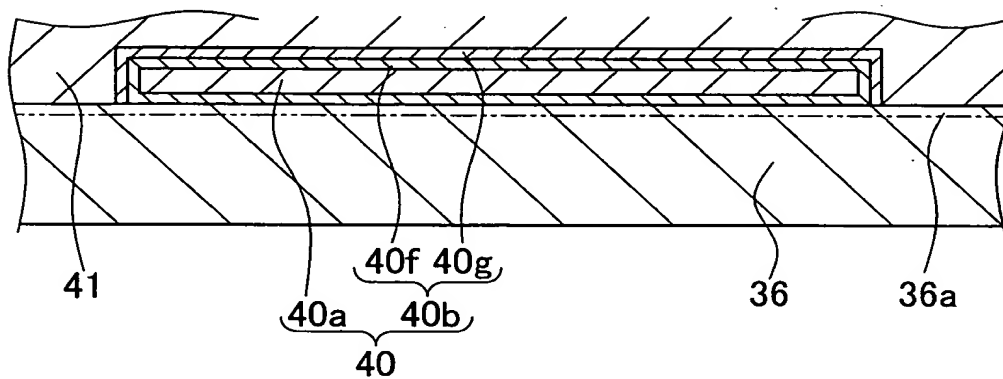
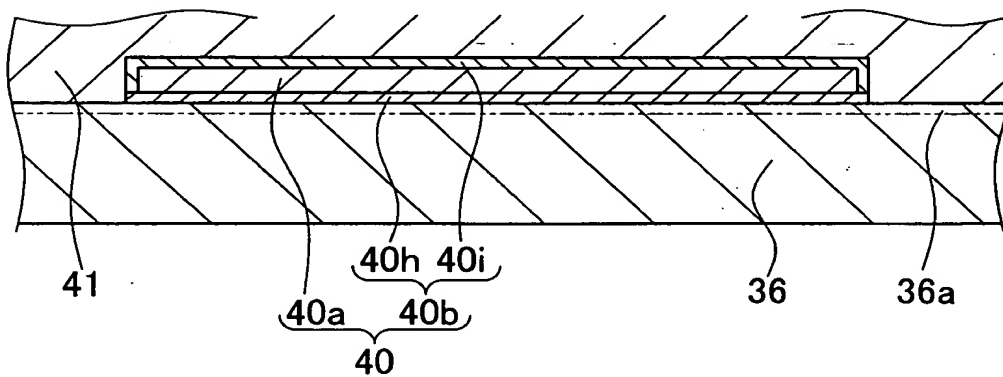


FIG. 3



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